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(54) COMPUTER SYSTEM

(57) Abstract:

PURPOSE: To realize redundant constitution with a sumall number of hardwares by comparing the output information of a third function module with the operated results of first and second function modules and restarting an operation when they are matched, or stopping the operation when they are unmatched.

CONSTITUTION: When a fault occurs at a first function module 100, first and second function modules 100 and 101 stop outputs in the state of holding the operated results of the modules them-selves. A third function module 102 outputs the correct operated result of the own module to first and second buses 106 and 107. the first and second function modules 100 and 101 compare the held operations of its own modules with the bus information outputted by the third function module 102. Then, the first module 100 stops the operation according to unmutch, and the second function module starts the operation according to the match.

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